


## PERSONAL INFORMATION



## MICLAUS (GHIRISAN) ADINA LUCRETIA

 Babeş-Bolyai University, Cluj-Napoca, Mihail Kogalniceanu Nr.1, RO-400084, Cluj-Napoca, Romania, Faculty of Chemistry and Chemical Engineering

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 [almiclaus@gmail.com](mailto:almiclaus@gmail.com)

Sex F | Date of birth 29/03/1961 | Nationality Romanian

## WORK EXPERIENCE

2007- up now

Assoc. Professor at the Department of Chemical Engineering

Didactic and research activities in the field of Transport and Transfer Phenomena, Physico-Mechanical Separation Processes for Heterogeneous Systems and Specific Equipments, Rheology of Disperse Systems

Babeş-Bolyai University, Cluj-Napoca, Mihail Kogalniceanu Nr.1, RO-400084, Cluj-Napoca, Romania, Faculty of Chemistry and Chemical Engineering

1995 –2007

Lecturer at the Department of Chemical Engineering

Didactic and research activities in the field of Transport and Transfer Phenomena, Physico-Mechanical Separation Processes for Heterogeneous Systems and Specific Equipment, Rheology of Disperse Systems, Synthesis and Analysis of Some Azo Dyes

Babeş-Bolyai University, Cluj-Napoca, Mihail Kogalniceanu Nr.1, RO-400084, Cluj-Napoca, Romania, Faculty of Chemistry and Chemical Engineering

1989-1995

Teaching assistant at the Department of Organic, Physical Chemistry and Technology

Didactic and research activities in the field of Transport Phenomena (Momentum, Heat and Mass Transfer) and Synthesis and Analysis of Azo Dyes

Babeş-Bolyai University, Cluj-Napoca, Mihail Kogalniceanu Nr.1, RO-400084, Cluj-Napoca, Romania, Faculty of Chemistry and Chemical Engineering

1985-1989

Chemical Engineer

Work in the field of synthetic cellulose at the "SOMEŞUL", Paper and Cellulose Plant Dej

## EDUCATION AND TRAINING

1992-1998

PhD Thesis: Transmission of the Substituent Effects in Organic Compounds.  
Synthesis, analysis and characterises of some organic compounds (azo-dyes)

Babeş-Bolyai University, Cluj-Napoca, Mihail Kogalniceanu Nr.1, RO-400084, Cluj-Napoca, Romania,  
Faculty of Chemistry and Chemical Engineering

1980-1985

Chemical Engineer

Organic Chemical Technology

Basic skills to design and operate chemical engineering processes

Babeş-Bolyai University, Cluj-Napoca, Mihail Kogalniceanu Nr.1, RO-400084, Cluj-Napoca, Romania,  
Faculty of Chemistry and Chemical Engineering

1980-1985

Graduate from high school

Chemistry at the "TERAPIA" High School, Cluj-Napoca

22.10 – 23.10.2014 – Organizer of Workshop in Rheology/Rheometry at the Faculty of Chemistry and  
Chemical Engineering, UBB Cluj-Napoca, Romania

23.04-24.04.2012 – Invited lecturer at the MINILUBES Scientific Workshop.Training Network. Marie  
Curie Action, Iaşi, Romania

26.08-29.08.2010 - Organizer of the 1<sup>st</sup> SRR –Summer School of Rheology at the Babes-Bolyai  
University Cluj-Napoca, Romania

22 septembrie 2009 – Workshop in Rheology with the topic „Interaction between particle size, Zeta  
potential and rheological properties. Malvern equipments: Kinexus Concept”, Iaşi, Romania

5.06- 21.06.2009 - UEFISCSU Exploratory Workshop “New Trends in Complex Fluids Modelling” –  
CFM 2009, Bran, Romania

23.02-26.02.2005 - Training course in the field of Computer Aided Process Engineering CAPE Forum  
2005- Cluj-Napoca, Romania

03.05-31.08.2004 - Scientific research work in the field of Press- and Press-electrofiltration of the  
yeast suspensions, at MVM Institute, University of Karlsruhe, Germany, in co-operation with Prof. Dr.-  
Eng. Clemens Posten, DAAD grant.

01.05.1999-01.08.2000 - participant at the 35<sup>th</sup> International Seminar for Research and Teaching in  
Chemical Engineering and Physical Chemistry with a DAAD grant at University of Karlsruhe,  
Germany: performance of scientific research work in the field of Solid-Liquid Separation, at the  
Institute of Mechanical Process Engineering and Mechanics (MVM), in co-operation with Prof. Dr.-  
Eng. W. Stahl

20.03-22.03.2000 - Seminars and laboratory courses with the title “Rheological Characterisation of  
the Disperse Systems” (Rheologische Charakterisierung disperser Systeme) at the MVM Institute  
(TH), Germany

01.10-12.12.1998 – Three months with TEMPUS grant at the Institute of Mechanical Processes and  
Mechanics, University of Karlsruhe, Germany, Department of Prof. Dr.-Eng. Buggisch

23-31.03.1995 – Participation at the course “Selected Topics of Chemical and Biochemical  
Engineering”, Technical University, Bratislava, Slovakia

Mother language(s) Romanian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
ENGLISH	C2 Proficient user	C2 Proficient user	C2 Proficient user	C2 Proficient user	C2 Proficient user
Replace with name of language certificate. Enter level if known.					
GERMAN	B2 INDEPENDENT USER	B2 INDEPENDENT USER	B2 INDEPENDENT USER	B2 INDEPENDENT USER	B2 INDEPENDENT USER
Replace with name of language certificate. Enter level if known.					
Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user					
Common European Framework of Reference for Languages					

Communication skills Good communication skills gained through my experience as teacher and researcher at the university and during the visits I have made abroad, working with students, trainers and researches.

Job-related skills Technical skills in the field of Transfer Phenomena and Unit Operation for Chemical Industry, in the field of Environmental Protection especially in the field of solid-liquid separation (Sedimentation, Vacuum and Press-filtration and Electro-filtration), Operations and Equipments in Silicate Industry and Food Industry, Rheological characterization of disperse systems.

Computer skills Microsoft Office, Windows, Excel, Power-Point, MatLab.

Driving licence Category B.

Member of different professional organizations - Romanian Society of Chemical Engineering  
- Romanian Society of Rheology

## ADDITIONAL INFORMATION

### Publications

1. *Influence of ingredients on rheological behavior of homemade mayonnaise*, V. Miclăuș, **Adina Ghirisan (Miclăuș)**, *Studia UBB Chemia*, 2023, LXVIII (2), pp. 185-192
2. *Power consumption for mixing of shear-thinning fluids*, **Adina Ghirisan (Miclăuș)**, V. Miclăuș, *Studia UBB Chemia*, 2021, LXVI (2), pp. 247-254
3. *Modelling of the Sugar Beet Pulp Drying Process*, **Adina Ghirisan (Miclăuș)**, S. Drăgan, C. Coța, E. M. Nagy, Z. Gyorgy, V. Miclăuș, *Studia UBB Chemia*, 2020, LXV (2), pp. 21-28
4. *Kinetic Study of Sulfur Dioxide Absorption Into Dolomite-Brucite Suspensions*, S. Drăgan, **Adina Ghirisan (Miclăuș)**, *Studia UBB Chemia*, 2019, LXIV (2), pp. 345-355
5. *Researches Regarding a Protein Hydrolysate Used as Adjuvant in Fertilization Process*, E. M. Nagy, C. Coța, N. Cioica, Z. Gyorgy, L. Fechete-Tutunaru, **Adina Ghirisan (Miclăuș)**, V. Miclăuș, *Bulletin UASVM series Agriculture*, 2019, 76(2), pp. 78-83
6. *The Influence of Temperature and Dolomite Addition on the Drying Kinetics of Sugar Beet Pulp (Beta Vulgaris L.)*, **Adina Ghirisan (Miclăuș)**, S. Drăgan, C. Cota, E. M. Nagy, Z. Gyorgy, V. Miclăuș, *Studia UBB Chemia*, 2018, LXIII (2), pp. 53-62
7. *Comparative Study of Spray-Drying and Freeze-Drying on the Soluble Coffee*, **Adina Ghirisan (Miclăuș)**, V. Miclăuș, *Studia UBB Chemia*, 2017, LXII, 4 (II), pp. 309-317
8. *Freeze-drying Kinetics Approach of Soluble Coffee. Mass Transfer Parameters Estimation*, **Adina Ghirisan (Miclăuș)**, S. Drăgan, V. Miclăuș, *Studia UBB Chemia*, 2017, LXII (1), pp. 7-16

9. *Hydrodynamic Parameters of Gas-Solid-Liquid Three Phase Fluidized Bed with Low Density Solids*, S. Drăgan, **Adina Ghirisan (Miclăuș)**, *Rev. Chim. (Bucharest)*, 2016, 67(5), pp. 887-891
10. *Removal of Lead from Industrial Wastewater by Electrocoagulation Using Sacrificial Aluminium Electrodes*, S. Fogarasi, Florica Imre-Lucaci, **Adina Ghirisan (Miclăuș)**, Radu B. H., Mișca, Arpad Imre-Lucaci, *Studia UBB Chemia*, 2016, LXI (3), pp. 145-154
11. *Kinetic Modeling and Error Analysis for Zinc Removal on a Weak Base Anion Exchange Resin*, E. Gâlcă, A. Măicăneanu, **Adina Ghirisan (Miclăuș)**, P. Ilea, *Desalination and Water Treatment*, 2015, pp. 1-9, DOI:10.1080/19443994.2015.1101018
12. *Freeze-drying Kinetics for Different Types of Food Products*, **Adina Ghirisan (Miclăuș)**, *Studia UBB Chemia*, 2015, LX(1), pp. 147-156
13. *Settling of Coagulated Dilluted Yeast Suspensions*, **Adina Ghirisan** *Studia UBB Chemia*, 2013, vol. LVIII(4), pp. 63-70
14. *Kinetic Study of Carrots Drying*, **Adina Ghirisan**, S. Drăgan, *Studia UBB Chemia*, 2013, vol. LVIII(2), pp. 35-42
15. *Characterization of Hindered Settling in Concentrated Solid-Liquid Suspensions*, **Adina Ghirisan**, S. Drăgan, *Studia UBB Chemia*, 2012, LVII(3), pp. 241-248
16. *Sedimentation of Concentrated Suspensions in Non-Newtonian Fluids*, **Adina Ghirisan**, S. Drăgan, *Studia UBB Chemia*, 2011, LVI(2), pp. 115-124
17. *Experimental Study of Sulfur Dioxide Absorption into Calcium Carbonate Suspensions*, S. Drăgan, **Adina Ghirisan**, *Studia UBB Chemia*, 2011, LVI(4), pp. 143-152
18. *Settling of Coagulated Dilluted Yeast Suspensions*, **Adina Ghirisan**, *Studia UBB Chemia*, 2011, LVI(4), pp. 143-152
19. *Micro-filtration of Baker's Yeast Suspension – Kinetic Study*, **Adina Ghirisan**, V. Miclăuș, *Chem. Bull. "POLITEHNICA" Univ. Timișoara, Seria Chimie și Ingineria Mediului*, 2010, 55(69), 1, pp. 68-71
20. *The Influence of Coagulants in Colloidal Particles Removal from Dispersions*, **Adina Ghirisan**, S. Drăgan, *STUDIA Universitatis "Babeș-Bolyai", Chemia*, 2010, LV(2/1), pp. 145-154
21. *Kinetic Study of Flue Gas Desulphurization with Sodium Carbonate at Low Temperature*, S. Drăgan, **Adina Ghirisan**, *STUDIA Universitatis "Babeș-Bolyai", Chemia*, 2010, LV(2/2), pp. 283-292
22. *Sedimentation of Coagulated Yeast Suspensions from Wastewater*, V. Goia, **Adina Ghirisan**, V. M. Cristea, *STUDIA Universitatis "Babeș-Bolyai", Chemia*, 2009, LIV(1), pp. 93-102
23. *Removal of Some Estrogenic Pollutants from Water by Adsorption*, **Adina Ghirisan**, S. Drăgan, C. Cimpoiu, C. Roman, V. Miclăuș, *Chem. Bull. "POLITEHNICA" Univ. Timișoara*, 2008, 53(67), 1-2, pp. 61-64
24. *Copper Biosorption on a Strain of Saccharomyces Cerevisiae – Isotherm Equilibrium and Kinetic Study*, **Adina Ghirisan**, S. Drăgan, Miclăuș, *BIOREMED 2007, Cluj-Napoca, STUDIA Universitatis "Babeș-Bolyai", Chemia*, 2008, LIII(3), pp. 37-45
25. *Heavy Metal Removal and Neutralization of Acid Mine Wastewater - Kinetic Study*, **Adina Ghirisan**, S. Drăgan, A. Pop, M. Simihaiian, V. Miclăuș, *Can. J. Ch. Eng.*, 2007, 85, pp. 900-905
26. *Kinetic Study of Calcination for Precipitate Calcium Carbonate*, S. Drăgan and **Adina Ghirisan**, 2007, *STUDIA Universitatis "Babeș-Bolyai", Chemia*, 2007, LII(4), pp. 169-177
27. *Rheological Behaviour of Titania Systems During the Sol-Gel Transition*, **Adina Ghirisan**, V. Danciu, V. Cosoveanu, M. Popa, *STUDIA Universitatis "Babeș-Bolyai", Chemia*, 2007, LII(2), pp. 13-21
28. *Sedimentation und Flockung der Hefesuspension*, **Adina Ghirisan**, Mehri Azad, *STUDIA Universitatis "Babeș-Bolyai" Chemia*, 2005, 50(1), pp. 113-120
29. *Beschreibung des hydrodinamischen Modells des Druckverlustes durch eine Katalysatorschicht*, Al. Pop, **Adina Ghirisan**, S. Drăgan, *STUDIA Universitatis "Babeș-Bolyai" Chemia*, 2005, L(1), pp. 105-112
30. *Sedimentation. Koagulation. Flocculation. II. Anwendung Polymerer Flockungsmittel*, **Adina Ghirisan**, Al. Pop, M. Moceanu, V. Miclăuș, *STUDIA Universitatis "Babeș-Bolyai" Chemia*, 2005, L(1), pp. 97-104
31. *Druckfiltration und Presselektrofiltration einer Hefesuspension*, **Adina Ghirisan**, R. Hofmann, C. Posten, *Filtrieren und Separieren*, VDL-Verlag GmbH, 2005, 3, pp. 118-122
32. *Studies on the Natrium Sulphate Salting-out Crystallization I. Equilibrium of the Crystallization*, Al. Pop, **Adina Ghirisan**, S. Drăgan, V. Miclăuș, *STUDIA Universitatis "Babeș-Bolyai" Chemia*, 2004, XLIX(2), pp. 195-201
33. *Sedimentation. Koagulation. Flocculation I. Sedimentationsanalyse einer geflockten Kaolin-Suspension*, **Adina Ghirisan**, Al. Pop, V. Miclăuș, *STUDIA Universitatis "Babeș-Bolyai" Chemia*, 2003, XLVI(1), pp. 183-190
34. *Electrofiltration. The Influence of an Electrical Field on Filtration*, **Adina Ghirisan**, K. Weber, W. Stahl, *STUDIA Universitatis "Babeș-Bolyai" Chemia*, 2001, XLVI, 1-2, pp. 257-264
35. *Rheological Evolution of a Particular Sol-Gel System*, M. Fernandez-Torres, **Adina Ghirisan**, J.M. Tipan-Lepetich, *Can. J. Ch. Eng.*, 2001, 79, pp. 354-457
36. *The Influence of an Electrical Field on Filtration and Washing*, **Adina Ghirisan**, K. Weber, W. Stahl, *The Journal of the Filtration Society*, 2002, 2(3), pp. 54-60
37. *Azocoupling Products. Part II., Synthesis and Structural Study of Azocoupling Products of 1-(5,6-Dimethyl-4-X-Pyrimidin-2-yl)-3-Methyl-pyrazolin-5-ones with Aromatic Diazonium Salts*, I. Panea, **Adina Ghirisan**, I. Cristea, Radu Gropeanu, I. Al. Silberg, *Heterocyclic, Communication*, 2001, 7(6), pp. 563-570
38. *The Transmission of Substituent Effects in Organic Compounds I. The Inductive Effect*, I. Al. Silberg, **Adina Ghirisan**, *Roum. Chem. Quart. Rev.*, Ed. Academiei Române, 2000, 8(1), pp. 45-54
39. *The Transmission of Substituent Effects in Organic Compounds II. The Separation of Inductive and Resonance Effects. Analysis of the Substituent Effects*, I. Al. Silberg, **Adina Ghirisan**, *Roum. Chem. Quart. Rev.*, Ed. Academiei Române, 2000, 8(2), pp. 145-155
40. *Thermorheological Behavior of Silicone Oil (AK 10<sup>6</sup>)*, **Adina Ghirisan**, B. Hochstein, *STUDIA Universitatis "Babeș-Bolyai", Chemia*, 1998, XLIII(1-2), pp. 249-255, ISSN 1224-7154
41. *Tautomerism, Acid Dissociation Equilibria and Azo Coupling Reaction Rates of 1-(2-Pyrimidinyl)-3-Methylpyrazolin-5-ones Derivates*, I. Baldea, **Adina Ghirisan**, I. Al. Silberg, I. Cristea, *Rev. Roum. Chem.*, 1997, 42(9), pp. 767-775
42. *Aromaticity of Thiazole III. The Transmission of Substituent Effects and the Polarizability of the Electronic System of Thiazole*, I. Al. Silberg, S. Silberg, **Adina Ghirisan**, *Heterocycl. Communication*, 1997, 3(1), pp. 35-39

43. *The Kinetic of Solid-Liquid Extraction*, R. Mișca, **Adina Ghirișan**, Al. Ozunu, S. Drăgan, *STUDIA Universitatis „Babeș-Bolyai”, Chemia*, 1996, XLI(1), pp. 55-60
44. *Aromaticity of Thiazole II. The Transmission of Substituents Effects Trough the 2,4-Thiazolynene Bridge*, I. Al. Silberg, S. Silberg, **Adina Ghirișan**, *STUDIA Universitatis „Babeș-Bolyai”, Chemia*, 1996, XLI(1), pp. 27-34
45. *Aromaticity of Thiazole I. The Transmission of Substituents Effects Trough the 2,5-Thiazolynene Bridge*, S. Silberg, I. Al. Silberg, **Adina Ghirișan**, *STUDIA Universitatis „Babeș-Bolyai”, Chemia*, 1996, XLI(1), pp. 19-26
46. *An Experimental Technique for Measuring Diffusion Coefficients in Porous Solid*, R. Mișca, Al. Ozunu, **Adina Ghirișan**, S. Drăgan, *STUDIA Universitatis „Babeș-Bolyai”, Chemia*, 1994, 1-2, pp. 195-200
47. *Mass Transfer Coefficients at Fe<sup>+2</sup> Oxidation to Fe<sup>+3</sup>*, R. Mișca, Al. Ozunu, S. Drăgan, **Adina Ghirișan**, *STUDIA Universitatis „Babeș-Bolyai”, Chemia*, 1994, 1-2, 188-194
48. *Kinetic Studies of Azo Coupling Reaction Between 1-(4-Hydroxi-6-Methylpyrimidin-2-yl)-3-Methylpyrazolin-5-one and Substitute Benzenediazonium Salts*, I. Baldea, **Adina Ghirișan**, I. Panea, *J. Chem. Soc. Perkin Trans.2*, 1992, pp. 1715-1719

### Books

1. *Cazuri particulare de curgere a fluidelor ideale si reale. Elemente de reologie*, **Adina Miclăuș (Ghirișan)**, V. Pode, Ed. Casa Cărții de Știință, 2018
2. *Fenomene de transfer și operații in industria chimică, Indrumar pentru lucrări practice*. **Adina Ghirișan**, S. Drăgan, Ed. Risoprint, Cluj-Napoca, 2009
3. *Separarea fizico-mecanică a sistemelor eterogene solid-lichid*, **Adina Ghirișan**, Ed. Casa Cărții de Știință, Cluj-Napoca, 2005

### Conferences

1. *Characterization of Settling in Concentrated Solid-Liquid Separation Based on Artificial Intelligence*, **Adina Ghirișan**, C. I. Anghel, S. Drăgan, Editor: Markoš, J., In *Proceedings of the 41st International Conference of Slovak Society of Chemical Engineering*, Slovakia, 2014, pp. 863-872
2. *Rheology Study of Sol-Gel Transition in Titania Systems*, **Adina Ghirișan**, V. Danciu, V. Cosoveanu, Mihaela Popa, UEFISCSU Exploratory Workshop „New Trends in Complex Fluids Modeling CFM 2009”, CFM 2009 Proceedings, Ed. Politehnica Press, 2009, pp. 75
3. *Removal of Xeno-estrogenic Pollutants by an Yeast Saccharomyces Cerevisiae Strain from Water*, **Adina Ghirișan**, S. Drăgan, C. Cimpoiu, C. Roman, V. Miclaus, *Proceedings 10<sup>th</sup> World Filtration Congress*, 2008, I, pp. 449-453
4. *Use of Apatite in the Treatment of Acid Mine Wastewater - Kinetic Modelling*, S. Drăgan, **Adina Ghirișan**, Al. Pop, M. Simihaian, V. Miclăuș, *Proceedings 33rd International Conference of Slovak Society of Chemical Engineering*, Slovakia, 2006, CD-ROM pp. 258(1-8)
5. *Pressure Filtration and Pressure Electrofiltration*, **Adina Ghirișan**, K. Weber, R. Hoffman, *Romanian International Conference and Chemical Engineering*, 2005, vol. 3, S05-84- SO5-91
6. *The Influence of an Electrical Field on Filtration and Washing*, **Adina Ghirișan**, K. Weber, W. Stahl, *Proceedings of the International Conference and Exhibition FILTECH EUROPA 2001*, II, pp. 491-498

### Patents

1. *Granular fertilizer biocomposite and its production process*, Cota C., Elena M. Nagy, Cioica N., Gyorgy Z., Pop Al., Dragan S., Miclaus V., **Adina Miclăuș (Ghirișan)**, *Nr. Patent 134116*, **2024**
2. *Biocomposite based on humic acids, polypeptides and amino acids, component of NPK fertilizers and obtaining process* Cota C., Elena M. Nagy, Cioica N., Pop Al., Dragan S., Miclaus V., **Adina Miclăuș (Ghirișan)**, *Nr. Patent 133500 B1*, **2024**
3. *Process for Depolluting of Water Containing Hormonal and Xenoestrogenic Organic Substances*, Chintoanu M., Cimpoiu C., Costineanu D., Ferenczi L., **Adina Ghirișan**, Miclăuș V., Miclean M., Ozunu A., Roman, C., RO 125296-B1, Nr.4/ **2010**
4. *4-Arylazo-3-Methyl-1-(Pyrimidin-2-yl)-5-Pyrazolonic and synthesis methods*, Panea I., **Adina Ghirișan**, Cristea I., Gropeanu R. A., *Nr. Patent: 114797 B1*, **1999**, BOPI Nr. 7/1999

### National projects

1. Dezvoltarea unor noi implanturi și compozite inteligente bazate pe nanotehnologie avansată cu multiple aplicații medicale, membru în proiectul DONTAS Parteneriate, Contract 171/2012-2016
2. *Terapia genică condiționată nanotehnologic în hepatocarcinom*, membru în proiectul CNMP Parteneriate, tip PC, nr. 42114 (2008-2011) *Sistem complex de decelare a unor substanțe medicamentoase hormonale și xenoestogene, la nanoscală, în sursele de apă – MEDESTRO*, membru în proiectul CEEEX - 115/2006 (2006-2008)
3. *Studiul agregării și al comportărilor cromotrope ale unor coloranți cianinici, merocianinici și analogi cu potențiale aplicații în nanotehnologie*, membru în proiectul CNCIS 1347(10)/2006
4. *Platformă de simulare, control și testare cu aplicații în mecatronică – CONMEC*, Program INFOSOC, membru în proiectul CEEEX -112/2006 (2006-2008)



5. *Sistem integrat de evaluare a propagării agenților poluanți și a impactului asupra sănătății populației din zonă* – SEPOL, membru în proiectul CEE – 612/2005 (2005-2008)
6. *Materiale compozite nanostructurate pe bază de aerogeluri oxidice și de carbon cu aplicabilitate electrochimică și de mediu*, membru în proiectul CNCIS 14(10)/405/2004, CNCIS 18/405/2005 și CNCIS 20/405/2006
7. *Sistem de monitorizare wireless a emisiilor poluante de la agenți economici* - WIPOL, SC Casirom SA Turda, SC Someș SA Dej, IPA CIFAT Cluj-Napoca, Agenția de Protecția Mediului Cluj-Napoca”, Program INFOSOC 3, Sisteme C – C1.3, membru (2003-2005)
8. Coloranți polimetinici cu aplicabilitate industrială, agricolă și medicală. Studii sintetice, spectrale și cinetice, membru în proiectul CNCIS 1258/2002 și 131/2003

#### INTERNATIONAL PROGRAMS/PROJECTS

1. *Separation of Yeast Suspension (Trennung der Hefesuspension)*, **researcher**, DAAD – **grant** A/04/10958 at Karlsruhe University (TH), Institut Mechanische Verfahrenstechnik und Mechanik, Karlsruhe, Germany, may- august **2004**
2. *The influence of electric field on Filtration and Washing (Der Einfluss eines elektrischen Feldes auf Filtration und Waschung)*, **researcher**, **DAAD - grant**, Karlsruhe University (TH), Institutul Mechanische Verfahrenstechnik und Mechanik, Karlsruhe, Germany, **1999-2000**

#### Awards

1. Premiul UBB anual de excelență în activitatea educațională pentru cartea *Cazuri particulare de curgere a fluidelor ideale și reale. Elemente de reologie*, Adina Miclăuș (Ghirișan), V. Pode, Ed. Casa Cărții de Știință, 2018
2. Diplomă de excelență și medalia de aur cu mențiune specială la Salonul internațional al cercetării științifice, inovării și invenției PROINVENT, ed. XVI, 2018, Cluj-Napoca pentru Biocompozit pe bază de acizi humici, polipeptide și amino-acizi component al îngrășămintelor NPK și procedee de obținere, Autori: C. Coța, E. M. Nagy, N. Cioica, Al. Pop, S. Drăgan, Z. Gyorgy, V. Miclăuș **Adina Ghirișan (Miclăuș)**.

Cluj-Napoca,  
20.03. 2025

Assoc. Prof. Eng.,  
Adina MICLAUȘ (GHIRIȘAN)

